

WHAT IS CLAIMED IS:

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1. A transmit device comprising:

EPG data generation means for generating EPG data;

supplementing means to generate supplemental

information containing information showing the program data quantity and append said supplemental information to said EPG data; and

transmit means to multiplex program data with EPG data added with said supplemental information and transmit this multiplexed information as a digital signal.

2. A transmit device as claimed in claim 1, wherein said supplementing means adds the information indicating the data quantity of said program as average bit rate data.

3. A transmit device as claimed in claim 1, wherein said supplementing means further contains information indicating the program category.

4. A transmit method comprising:

a generating step to generate EPG data;

a supplementing step to generate supplemental information containing information indicating the data quantity of the program and adding this supplemental information to said EPG data; and

a transmit step to multiplex the program data with the EPG data added with said supplemental information and

transmit this multiplexed information as a digital signal.

5. A transmit method as claimed in claim 4, wherein said supplementing step adds the information indicating the data quantity of said program as average bit rate data.

6. A transmit method as claimed in claim 4, wherein said supplementing information further contains information indicating the program category.

7. A program to supply a record media, wherein said program comprises:

a generation step to generate EPG data;

a supplementing step to generate supplemental information containing information indicating the data quantity of the program and to add said supplemental information to said EPG data; and

a transmit step to multiplex the program data with the EPG data added with said supplemental information and transmit this multiplexed information as a digital signal.

8. A record media as claimed in claim 7, wherein said supplementing step adds the information indicating the data quantity of said program as average bit rate data.

9. A record media as claimed in claim 7, wherein said supplementing information further contains information indicating the program category.

10. A record device comprising:

receive means to receive EPG data added with supplemental information containing information indicating the data quantity of said program, and program data transmitted as a digital signal; and

control means to extract said supplemental information from said EPG data, and control selection of said record media for recording said program data based on the quantity of said record media.

11. A record device as claimed in claim 10, wherein said receive means receives EPG added with an average bit rate data as information indicating the data quantity of said program, said control means calculates the data quantity of said program from said average bit rate data, and controls selection of a record media to record said program data based on said program data quantity and the capacity of said record media.

12. A record device as claimed in claim 10, wherein said control means has supplemental information further indicating the program category, and said control means controls selection of a record media to record said program data based on information indicating said program category and on category information set for said record media.

13. A record device as claimed in claim 10, wherein said record media is comprised of one unit.

14. A record device as claimed in claim 10, wherein said record device is connected by way of a bus and external said record media.

15. A record device as claimed in claim 15, wherein said bus is an IEEE1394 configuration bus.

16. A record method comprising:

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a receive step to receive EPG data added with supplemental information containing information indicating the data quantity of said program, and program data transmitted as a digital signal;

an extraction step to extract said supplemental information from said EPG data; and

a selection step to select said record media on which to record said program data based on said supplemental information and on the capacity of the record media.

17. A record method as claimed in claim 16, wherein in said receive step, EPG data added with average bit rate data as information expressing the data quantity of said program is received; and

in said selection step, the data quantity of said program is calculated from said average bit rate data, and a record media selected on which to record said program data based on said program data quantity and on the capacity of the record media.

18. A record method as claimed in claim 16, wherein in said selection step, said supplemental information further contains information indicating the program category, and still further, the record media on which to record said program data is selected based on information indicating said program category and on category information set for said record media.

19. A media for providing a program, wherein said program comprises:

a receive step to receive EPG data added with supplemental information containing information indicating the data quantity of said program, and program data transmitted as a digital signal;

an extraction step to extract said supplemental information from said EPG data; and

a selection step to select said record media on which to record said program data based on said supplemental information and on the capacity of the record media.

20. A media for providing a program, wherein said receive step receives EPG data added with average bit rate data as information expressing the data quantity of said program; and

in said selection step the data quantity of said program is calculated from said average bit rate data, and a record

media selected on which to record said program data based on said program data quantity and on the capacity of the record media.

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21. A media as claimed in claim 19, wherein in said selection step, said supplemental information further contains information indicating the program category, and still further, the record media on which to record said program data is selected based on information indicating said program category and on category information set for said record media.

22. A recording system comprising
a transmit method including:
generating means to generate EPG data;
supplementing means to generate supplemental
information containing information indicating the data
quantity of the program and adding this supplemental
information to said EPG data; and

transmit means to multiplex the program data with the
EPG data added with said supplemental information and
transmit this multiplexed information as a digital signal,
and

a record method including:
receive means to receive EPG data and program data; and
control means to extract said supplemental information

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~~from said EPG data and to control selection of a record media
to record said program data based on information indicating
the capacity of said record media and on the supplemental
information.~~

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